

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/825,074
Source: IFw/b
Date Processed by STIC: 7/19/06

ENTERED



IFW16

RAW SEQUENCE LISTING DATE: 07/19/2006
PATENT APPLICATION: US/10/825,074 TIME: 10:29:36

Input Set : N:\Crf3\RULE60\10825074.txt
Output Set: N:\CRF4\07192006\J825074.raw

SEQUENCE LISTING

- 3 (1) GENERAL INFORMATION:
 - 4 (i) APPLICANT: Grossman, Paul D.
Fung, Steven
Menchen, Steven M.
Woo, Sam L.
Winn-Deen, Emily S.
 - 9 (ii) TITLE OF INVENTION: Probe Composition and Method
 - 10 (iii) NUMBER OF SEQUENCES: 8
 - 11 (iv) CORRESPONDENCE ADDRESS:
 - 12 (A) ADDRESSEE: Dehlinger & Associates, LLP
 - 13 (B) STREET: P.O. Box 60850
 - 14 (C) CITY: Palo Alto
 - 15 (D) STATE: CA
 - 16 (E) COUNTRY: USA
 - 17 (F) ZIP: 94306
 - 18 (v) COMPUTER READABLE FORM:
 - 19 (A) MEDIUM TYPE: Floppy disk
 - 20 (B) COMPUTER: IBM PC compatible
 - 21 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - 22 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
 - 23 (vi) CURRENT APPLICATION DATA:
 - 24 (A) APPLICATION NUMBER: US/10/825,074
 - 25 (B) FILING DATE: 14-Apr-2004
 - 26 (C) CLASSIFICATION:
 - 27 (vii) PRIOR APPLICATION DATA:
 - 28 (A) APPLICATION NUMBER: US/10/167,337
 - 29 (B) FILING DATE: 10-Jun-2002
 - W--> 30 (A) APPLICATION NUMBER: US/09/111,632
 - 31 (B) FILING DATE:
 - W--> 32 (A) APPLICATION NUMBER: 08/643,709
 - 33 (B) FILING DATE:
 - 34 (viii) ATTORNEY/AGENT INFORMATION:
 - 35 (A) NAME: Powers, Vincent M.
 - 36 (B) REGISTRATION NUMBER: 36,246
 - 37 (C) REFERENCE/DOCKET NUMBER: 0550-0023.34
 - 38 (ix) TELECOMMUNICATION INFORMATION:
 - 39 (A) TELEPHONE: (650) 324-0880
 - 40 (B) TELEFAX: (650) 324-0960
 - 41 (2) INFORMATION FOR SEQ ID NO: 1:
 - 42 (i) SEQUENCE CHARACTERISTICS:
 - 43 (A) LENGTH: 48 base pairs
 - 44 (B) TYPE: nucleic acid

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/825,074

DATE: 07/19/2006

TIME: 10:29:36

Input Set : N:\Crf3\RULE60\10825074.txt
 Output Set: N:\CRF4\07192006\J825074.raw

```

45      (C) STRANDEDNESS: single
46      (D) TOPOLOGY: linear
W--> 47      (ii) MOLECULE TYPE: DNA
48      (iii) HYPOTHETICAL: NO
49      (iv) ANTI-SENSE: NO
50      (vi) ORIGINAL SOURCE:
51          (C) INDIVIDUAL ISOLATE: synthetic polynucleotide/F508 region
52              of cystic fibrosis gene
53      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
54 GCACCATTAA AGAAAATATC ATCTTGGTG TTTCTATGA TGAATATA          48
55 (2) INFORMATION FOR SEQ ID NO: 2:
56      (i) SEQUENCE CHARACTERISTICS:
57          (A) LENGTH: 24 base pairs
58          (B) TYPE: nucleic acid
59          (C) STRANDEDNESS: single
60          (D) TOPOLOGY: linear
W--> 61      (ii) MOLECULE TYPE: DNA
62      (iii) HYPOTHETICAL: NO
63      (iv) ANTI-SENSE: NO
64      (vi) ORIGINAL SOURCE:
65          (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
66      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
67 TTGGTGTTC CTATGATGAA TATA          24
68 (2) INFORMATION FOR SEQ ID NO: 3:
69      (i) SEQUENCE CHARACTERISTICS:
70          (A) LENGTH: 25 base pairs
71          (B) TYPE: nucleic acid
72          (C) STRANDEDNESS: single
73          (D) TOPOLOGY: linear
W--> 74      (ii) MOLECULE TYPE: DNA
75      (iii) HYPOTHETICAL: NO
76      (iv) ANTI-SENSE: NO
77      (vi) ORIGINAL SOURCE:
78          (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
79      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
80 GGCACCATTAA AAGAAAATAT CATCT          25
81 (2) INFORMATION FOR SEQ ID NO: 4:
82      (i) SEQUENCE CHARACTERISTICS:
83          (A) LENGTH: 4 amino acids
84          (B) TYPE: amino acid
85          (C) STRANDEDNESS: single
86          (D) TOPOLOGY: linear
87      (ii) MOLECULE TYPE: peptide
88      (iii) HYPOTHETICAL: NO
89      (vi) ORIGINAL SOURCE:
90          (C) INDIVIDUAL ISOLATE: synthetic tetrapeptide
91      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
92          Phe Ala Phe Ala
93
94
95
96      1

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/825,074

DATE: 07/19/2006

TIME: 10:29:36

Input Set : N:\Crf3\RULE60\10825074.txt
 Output Set: N:\CRF4\07192006\J825074.raw

```

98 (2) INFORMATION FOR SEQ ID NO: 5:
99   (i) SEQUENCE CHARACTERISTICS:
100     (A) LENGTH: 8 amino acids
101     (B) TYPE: amino acid
102     (C) STRANDEDNESS: single
103     (D) TOPOLOGY: linear
104   (ii) MOLECULE TYPE: peptide
105   (iii) HYPOTHETICAL: NO
106   (vi) ORIGINAL SOURCE:
107     (C) INDIVIDUAL ISOLATE: synthetic octapeptide
108   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
109     Phe Ala Phe Ala Phe Ala Phe Ala
110       1           5
112 (2) INFORMATION FOR SEQ ID NO: 6:
113   (i) SEQUENCE CHARACTERISTICS:
114     (A) LENGTH: 25 base pairs
115     (B) TYPE: nucleic acid
116     (C) STRANDEDNESS: single
117     (D) TOPOLOGY: linear
W--> 118   (ii) MOLECULE TYPE: DNA
119   (iii) HYPOTHETICAL: NO
120   (iv) ANTI-SENSE: NO
121   (vi) ORIGINAL SOURCE:
122     (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
123   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
124 TTGGTGTTC CTATGATGAA TATAG                                25
126 (2) INFORMATION FOR SEQ ID NO: 7:
127   (i) SEQUENCE CHARACTERISTICS:
128     (A) LENGTH: 26 base pairs
129     (B) TYPE: nucleic acid
130     (C) STRANDEDNESS: single
131     (D) TOPOLOGY: linear
W--> 132   (ii) MOLECULE TYPE: DNA
133   (iii) HYPOTHETICAL: NO
134   (iv) ANTI-SENSE: NO
135   (vi) ORIGINAL SOURCE:
136     (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
137   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
138 CTATATTCA CATAGGAAAC ACCAAA                                26
140 (2) INFORMATION FOR SEQ ID NO: 8:
141   (i) SEQUENCE CHARACTERISTICS:
142     (A) LENGTH: 24 base pairs
143     (B) TYPE: nucleic acid
144     (C) STRANDEDNESS: single
145     (D) TOPOLOGY: linear
W--> 146   (ii) MOLECULE TYPE: DNA
147   (iii) HYPOTHETICAL: NO
148   (iv) ANTI-SENSE: NO
149   (vi) ORIGINAL SOURCE:

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/825,074

DATE: 07/19/2006

TIME: 10:29:36

Input Set : N:\Crf3\RULE60\10825074.txt
Output Set: N:\CRF4\07192006\J825074.raw

150 (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
152 GATGATATT TCTTTAATGG TGCC

24

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/825,074

DATE: 07/19/2006

TIME: 10:29:37

Input Set : N:\Crf3\RULE60\10825074.txt

Output Set: N:\CRF4\07192006\J825074.raw

L:24 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:25 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:30 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:32 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:47 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:62 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
L:76 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:118 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6
L:132 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7
L:146 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8